WHAT IS CLAIMED IS:

1. A rescue system for evacuating individuals through a window frame of a high-rise building comprising a rescue sleeve foldable between a compact, standby position and an extended, sloping down to ground level position, means for activating the ejection of the sleeve from the standby position to the extended position, and a compartment for accommodating the sleeve characterized by a system operable to anchor the compartment to the window frame in a self-supporting fashion.

2. The rescue system as claimed in Claim 1 further characterized in that the system comprises upper and lower jaw members configured to embrace respectively the upper and lower window frame sides from the inside of the outer wall.

3. The rescue system as claimed in Claim 2 further characterized in that the jaw members are carried each by a pair of rails, means being provided for displacing one pair of rails away from the other pair of rails in parallel to each other.

4. The rescue system as claimed in Claim 3 further characterized in that the rails are supported by rollers running along rails extending perpendicular to the rails.

5. The rescue system as claimed in Claim 3 further c h a r a c t e r i z ed in that the displacing means comprise a pneumatic cylinder and piston coupled to the rails by pivotal scissors arm assemblies, a compressed air container being provided for selectively driving the piston.

6. The rescue system as claimed in Claim 1 further c h a r a c t e r i z ed in that the sleeve ejecting means are selectively operable by pressurized air charged from the container.

7. The rescue system as claimed in Claim 6 further c h a r a c t e r i z ed by a bellows envelop surrounding the system.

8. The rescue system as claimed in Claim 1 further c h a r a c t e r i z ed in that the compartment is adapted to be carried and lifted by mobilized boom.

9. The rescue system as claimed in Claim 8 wherein the boom comprises a beam freely insertable into and out of a channel integrally formed with the compartment.

10. The rescue system as claimed in Claim 1 wherein the sleeve is adapted to slope down in an inclined fashion.

11. The rescue system as claimed in Claim 1 wherein the sleeve is adapted to slope down in a spiral fashion.